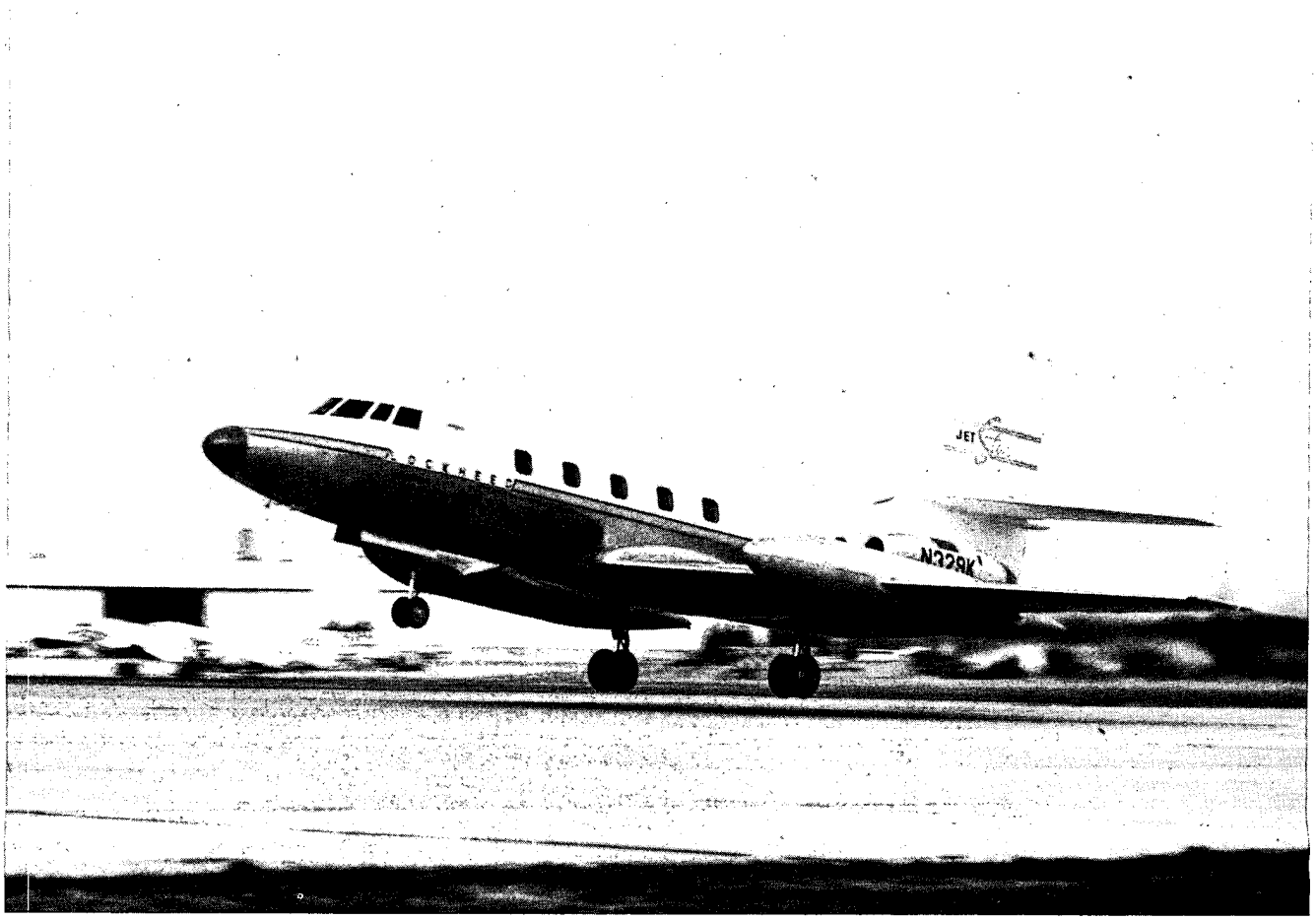
JET-star

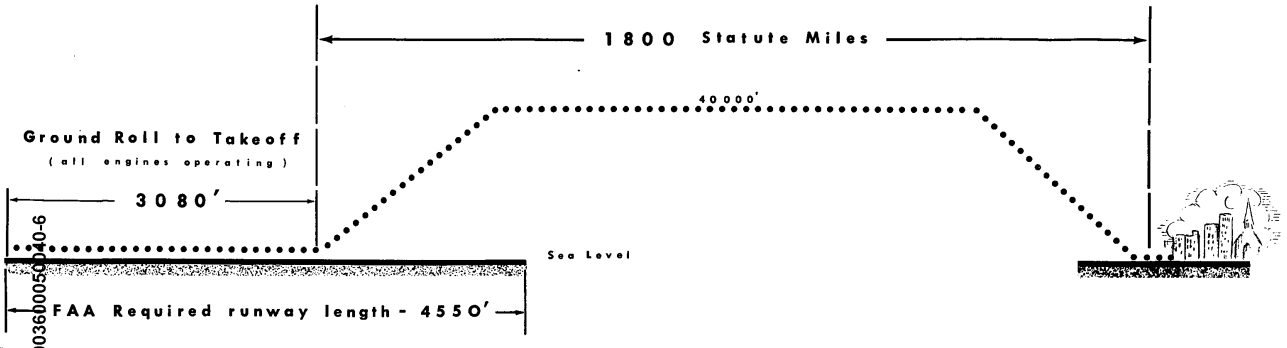
PROGRESS REPORT

Marietta, Georgia, 15 April 1960 Issue 60-4

Takeoff Issue

THIS ISSUE SHOWS THE ACTUAL TAKEOFF DISTANCE AND THE FAA REQUIRED RUNWAY LENGTH FOR THREE GROSS WEIGHT CONDITIONS OF THE JETSTAR.



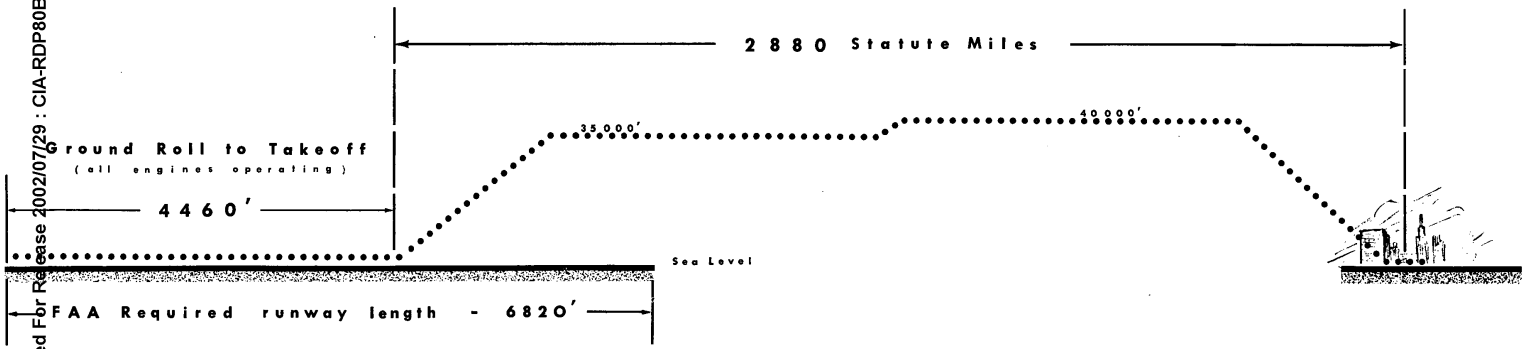


1

TAKEOFF CONDITIONS

WEIGHT - 32,424 lbs (includes 8 passengers, baggage and 45 minutes of reserve fuel)

TEMPERATURE - 59°F (Standard Day)

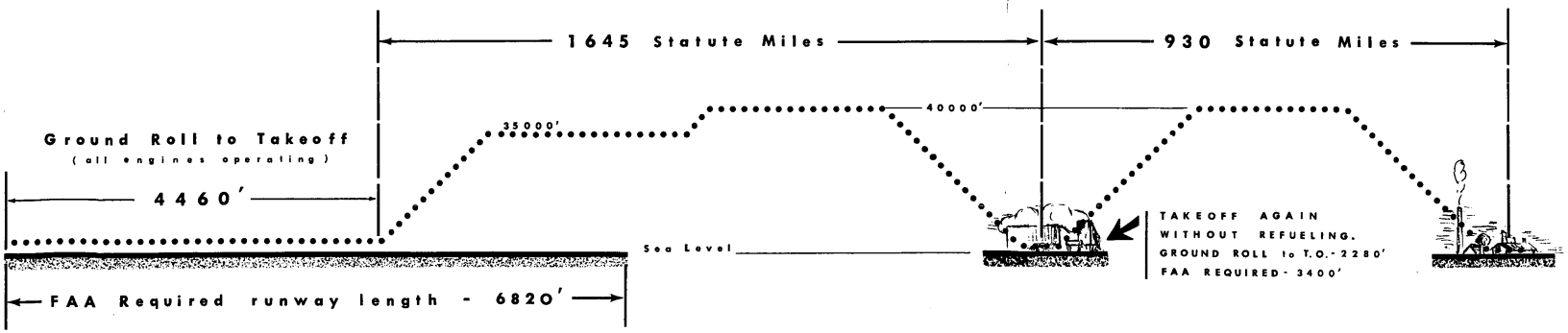


2

TAKEOFF CONDITIONS

WEIGHT - 38,640 lbs (includes 8 passengers, baggage and 45 minutes of reserve fuel)

TEMPERATURE - 59°F (Standard Day)



3

INITIAL TAKEOFF CONDITIONS

WEIGHT - 38,640 lbs (includes 8 passengers, baggage and 45 minutes of reserve fuel - for the second leg)

TEMPERATURE - 59°F (Standard Day)

News Items

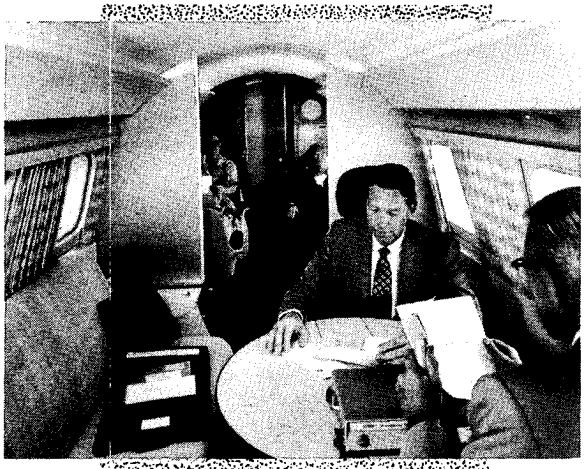
TBO* for JT12A-6 now 800 hours!

Pratt & Whitney recently announced that JetStar JT12A-6 Operators can start with a TBO* of 800 hours. This is an increase of 200 hours over their previous planning. Also, the TBO on JT12A-6 engines will be further increased as rapidly as possible based on service and overhaul experience after production JetStars get into operation.

* Time Before Overhaul

Note: 800 hours of JetStar operation is equal to a distance of approximately 400,000 miles.

This JT12 engine overhaul time compares more than favorably with older aircraft whose engine TBO's have about reached their top limit. For example, if a slower flying 200 mph aircraft goes 400,000 miles before engine overhaul, the TBO would be 2,000 hours; or a 300 mph aircraft flying the same distance would have a TBO of 1300 plus hours.



The JetStar Mobile Cabin Demonstrator is currently in the northwest section of the United States. Its schedule is as follows: April 11, Portland, Oregon; April 16, San Francisco & Oakland, California; May 1 - 4, Los Angeles, California, for the Aviation Writers Association Meeting; May 5, enroute to Marietta, Georgia; May 21, Marietta, Georgia, to participate in Armed Forces Day.

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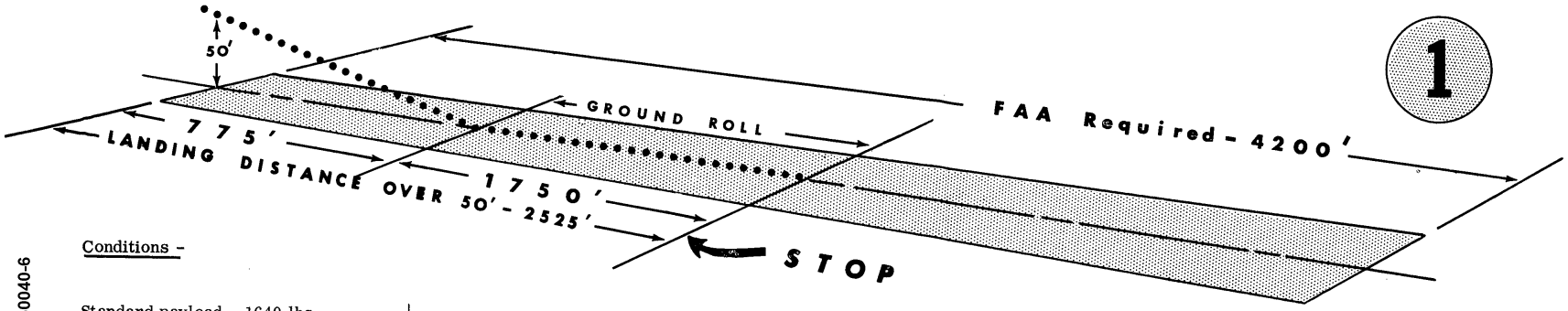
For complete JetStar information contact:
Lockheed Aircraft Corporation
JetStar Commercial Sales
Marietta, Georgia

JET Star

Marietta, Georgia, 18 March 1960 Issue 60-3

Landing Issue

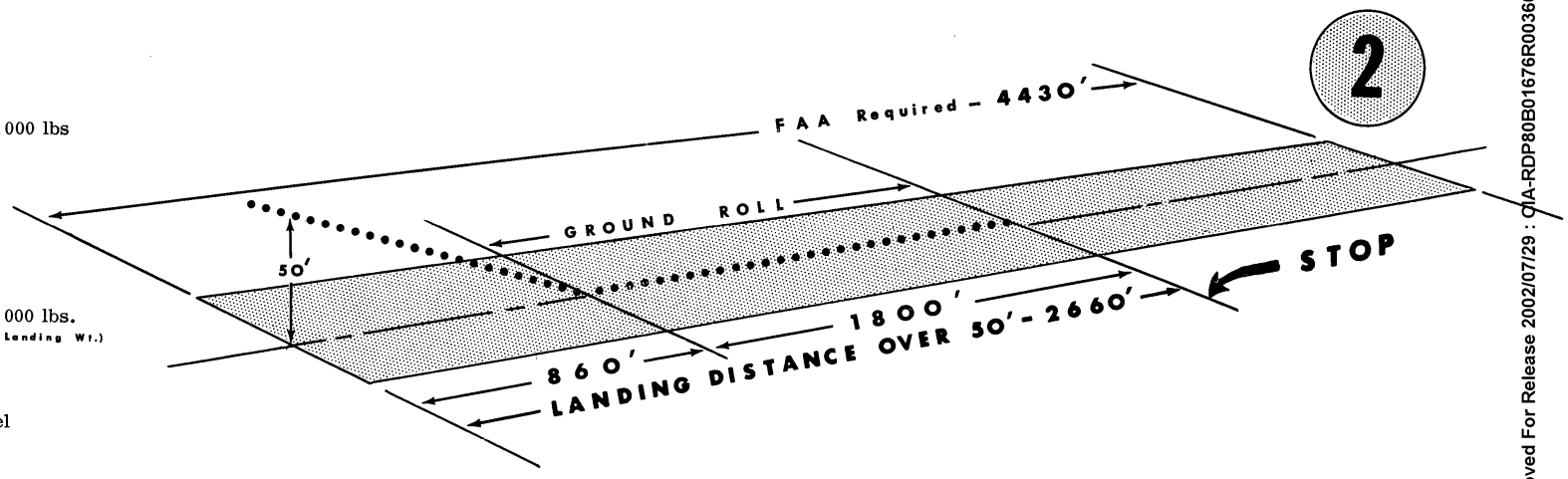
THIS ISSUE DEPICTS THE ACTUAL LANDING DISTANCE AND THE FAA (SR422B) REQUIRED LANDING FIELD LENGTH FOR THREE GROSS WEIGHT CONDITIONS OF THE JETSTAR.

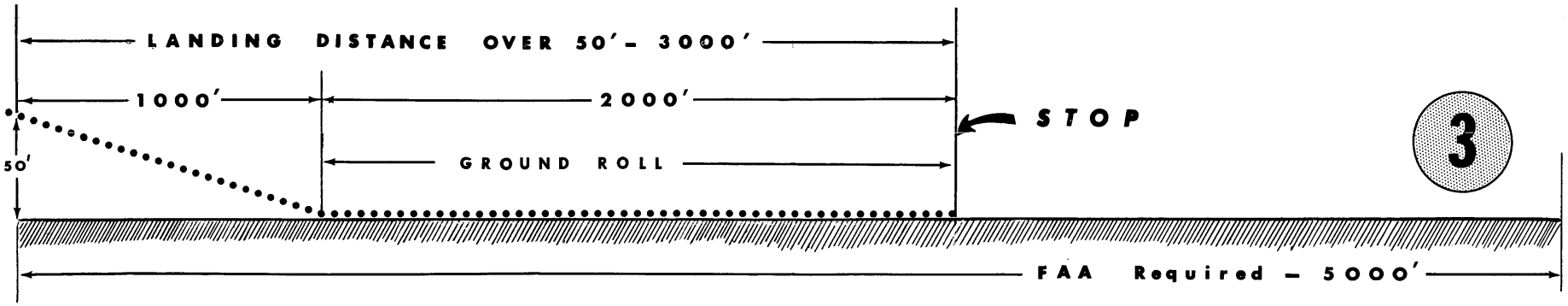


Conditions -

1 Standard payload - 1640 lbs. (8 passengers and baggage) 45 Minutes of fuel remaining.	22,500 lbs
2 Standard payload - 1640 lbs. (8 passengers and baggage) 45 Minutes of fuel plus 200 miles	24,000 lbs
3 Standard payload - 1640 lbs. (8 passengers and baggage) 45 Minutes of fuel plus 945 miles	28,000 lbs. (Max. Landing Wt.)

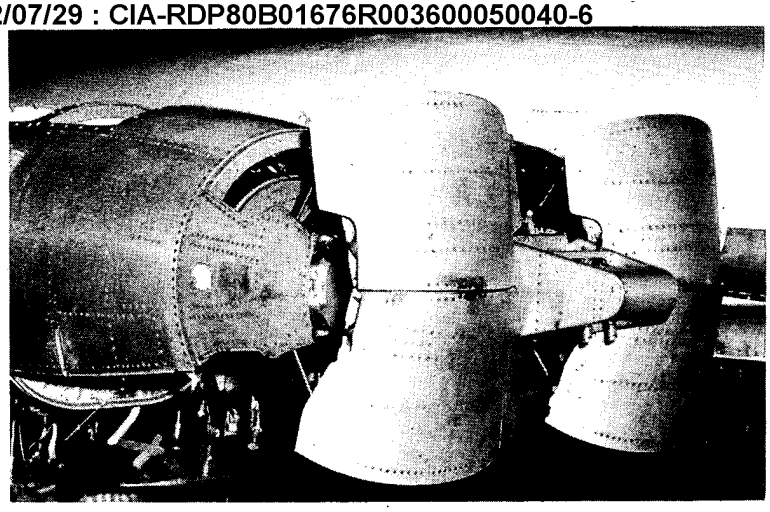
Note: Altitude for all 3 conditions: Sea level





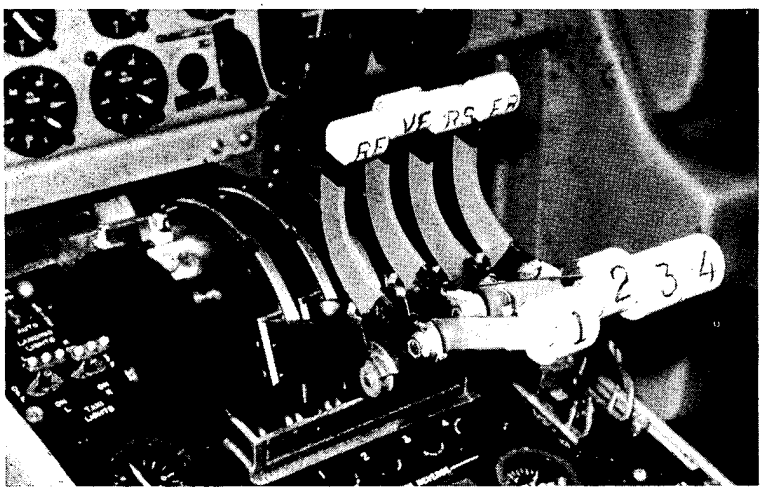
Approved For Release 2002/07/29 : CIA-RDP80B01676R003600050040-6

The thrust reversers and the high lift leading edges - both standard equipment on production JetStars - contribute to the short field capabilities of this remarkable airplane.

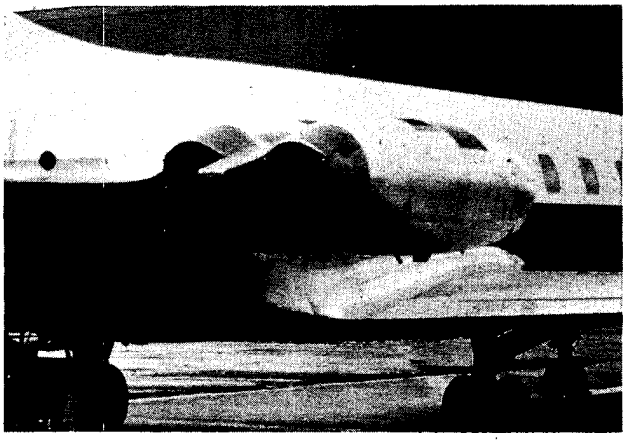


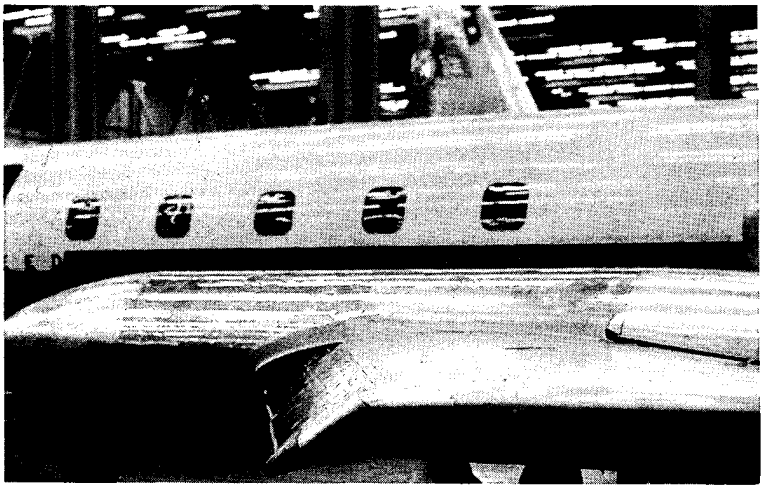
The reversers are designed for ground use only and are mechanically blocked to prevent actuation except when the main throttles are in the idle position. They are controlled by "Piggyback" levers mounted on the throttles.

The wing leading edge flaps are hinged on the bottom side. Deflection and retraction is accomplished hydraulically. The control switch is on the pedestal - maximum deflection is 27 degrees.



The thrust reverser doors when retracted form a continuation of the ejector fairing. In this position they induce cooling air through the tail pipe compartment. Hydraulic actuators snap them into the extended position.





THE WHEREABOUTS OF THE JETSTAR MOBILE CABIN DEMONSTRATOR IS AS FOLLOWS:

March 17 & 18 - enroute Canadian border via U.S. Hiway 89; March 18 - Calgary, Alberta; March 29 - depart Calgary for U.S.; March 31 - Spokane, Washington; April 4-6 - Seattle, Washington; April 12 - Portland, Oregon; April 13 - depart Portland for San Francisco, California.